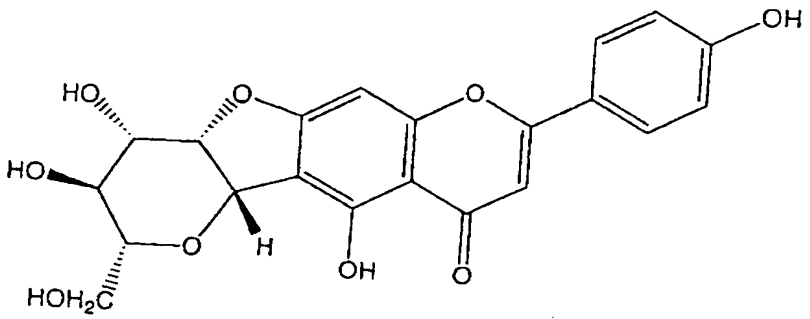
CLAIMS

[1] A process of producing a flavone C-glycoside derivative represented by the formula (1):

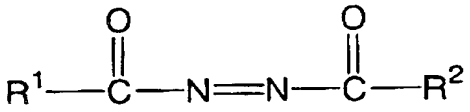
[Formula 1]



(1)

or a salt thereof comprising the step of reacting isovitexin used as a raw material in an organic solvent in the presence of a compound represented by the formula (2):

[Formula 2]



(2)

wherein R^1 and R^2 each are OR^4 or $N(R^4)_2$, and R^4 is C_1 to C_4 alkyl or phenyl, and a compound represented by the formula (3):

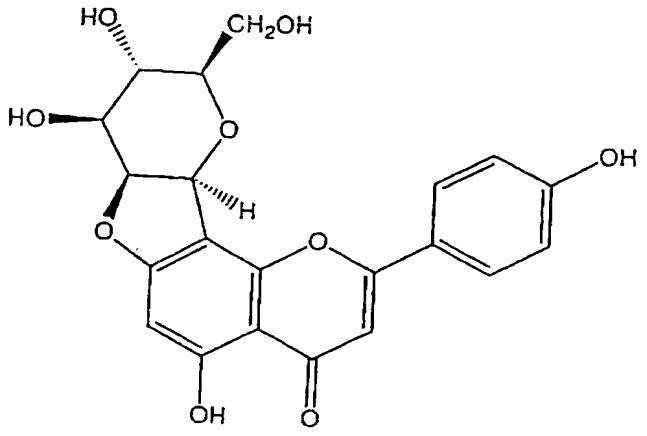
[Formula 3]

(3)

wherein R^3 is C_1 to C_4 alkyl or phenyl.

[2] A process of producing a flavone C-glycoside derivative represented by the formula (4):

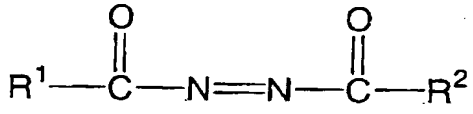
[Formula 4]



(4)

or a salt thereof comprising the step of reacting vitexin used as a raw material in an organic solvent in the presence of a compound represented by the formula (2):

[Formula 5]



(2)

wherein R^1 and R^2 each are OR^4 or $N(R^4)_2$, and R^4 is C_1 to C_4 alkyl or phenyl, and a compound represented by the formula (3):

[Formula 6]

(3)

wherein R^3 is C_1 to C_4 alkyl or phenyl.

[3] The production process according to claim 1 or claim 2, wherein the organic solvent is selected from the group consisting of benzene, toluene, THF, and xylene.

[4] The production process according to claim 3, wherein

the organic solvent is THF.

[5] The production process according to claim 1 or claim 2, wherein the compound represented by the formula (2) is 1,1'-azobis(N,N'-dimethylformamide).

[6] The production process according to claim 1 or claim 2, wherein the compound represented by the formula (3) is tri-n-butylphosphine.

[7] The production process according to claim 1 or claim 2, wherein the compound represented by the formula (2) is 1,1'-azobis(N,N'-dimethylformamide) and the compound represented by the formula (3) is tri-n-butylphosphine.

[8] The production process according to claim 1, wherein the isovitexin is protected by a protecting group.

[9] The production process according to claim 2, wherein the vitexin is protected by a protecting group.

[10] The production process according to claim 1, wherein the yield of the flavone C-glycoside derivative represented by the formula (1) or the salt thereof is 40% or more.

[11] The production process according to claim 2, wherein the yield of the flavone C-glycoside derivative represented by the formula (4) or the salt thereof is 40% or more.

[12] The production process according to claim 5, wherein the compound represented by the formula (3) is supported on a styrene resin.

[13] The production process according to claim 1, wherein unreacted isovitexin is recycled.

[14] The production process according to claim 2, wherein unreacted vitexin is recycled.